

LIST OF APPROVED TRAINING COURSES FOR REPEATS AFTER 6 YEARS @ ½ CREDIT (For Operator Certificate Renewal Purposes Only):		
Basic Courses	CEU	Allowed CEUs
101 Basic Wastewater	1.00	0.00
102 Electricity Review and Reading Electrical Diagram	1.00	0.00
103 Plant Safety	1.00	0.00
104 Wastewater Collection System	1.00	0.00
105 Wastewater Mathematics	2.00	0.00
106 Hazard Communication Program	0.50	0.00
108 NPDES and UIC	0.50	0.25
109 Train-the-Trainers	1.00	0.00
110 Pumping Stations	1.00	0.00
111 Introduction to Personal Computers and Windows	0.50	0.00
112 State Regulations Affecting Wastewater Treatment Plants	0.50	0.25
114 Confined Space	0.50	0.00
115 Blueprint Reading	0.50	0.00
116 Ultraviolet Disinfection	1.00	0.00
117 Utility Management	0.50	0.00
118 First Aid and CPR	0.50	0.00
Intermediate Courses		
201 Activated Sludge Process Control	1.00	0.50
202A Certification Examination Refresher - Grades 1 & 2	1.00	0.00
202B Certification Examination Refresher - Grades 3 & 4	1.00	0.00
204 Diesel Engines Operation and Maintenance	1.00	0.00
205 Equipment Operation: Heat Exchangers, Valves, and Lubrication	1.00	0.00
206 Instrumentation and Controls	1.00	0.50
207 Mechanical Maintenance Fundamentals for Operators: Measuring Instruments, Bolting & Fastening	1.00	0.00
208 Pumps: Operation and Maintenance	1.00	0.50
209 RBC, Trickling Filters and Stabilization Ponds	1.00	0.00
210 Sludge Handling, Sludge Thickening, Anaerobic and Aerobic Digestion, Dewatering	1.00	0.50
211 Troubleshooting Pumps	1.00	0.00
212A Wastewater Facility Management Skill Training - Volume I	1.50	0.75
212B Wastewater Facility Management Skill Training – Volume II	1.50	0.75
214 Waste Treatment Process: Community Wastewater Treatment, Pretreatment and Clarification	1.00	0.50
215 Plant Science	1.00	0.50
250 Air Compressors and Blowers	1.00	0.00
251 Bearings and Lubrication, Packing and Seals	1.00	0.00
252 Gear Boxes, Mechanical Drives	1.00	0.00
253 Valves	1.00	0.00
254 Motorized Valve Actuator and Relief Valves	1.00	0.00
255 Vibration Analysis	1.00	0.00
256 Boiler Fundamentals and Basic Boiler System	1.00	0.00
257 Hydraulic Equipment, Coal and Ash Handling Equipment	1.00	0.00
258 Piping	1.00	0.00

Intermediate Courses (Continued)		CEU	Allowable CEUs
259	Advanced Pipe Fitting	1.00	0.00
260	Introduction to Hydraulic Systems and Pressure Controls	1.00	0.00
261	Fluids, Filters and Reservoirs, Pumps and Accumulators	1.00	0.50
262	Actuators, Troubleshooting Hydraulic System	1.00	0.50
263	Lifting and Rigging	1.00	0.00
264	Pneumatic Systems Course	1.00	0.50
265	Liquid Level Measurements, Pressure Gauge and Calibration	1.00	0.50
266	Recorders, Temperature and Temperature Measurements	1.00	0.00
267	Pneumatic Actuators, Positioners, and Pneumatic Control Equipment	1.00	0.50
268	Multi-Element Pneumatic Control Systems, Troubleshooting Pneumatic Instrument Systems	1.00	0.50
269	Reading Electrical Diagrams, Troubleshooting and Emergency Repair of AC Systems	1.00	0.00
270	Three-Phase AC Induction Motor Maintenance, AC Motor Controller Maintenance	1.00	0.00
271	Operational Amplifiers, Using Electronic Test Equipment	1.00	0.50
272	Transistor Principles, Transistor Amplifiers, Transistor Oscillators	1.00	0.00
275A	Mechanical Maintenance (Pumps and Gears)	1.00	0.00
275B	Mechanical Maintenance (Belts and Drives)	1.00	0.00
275c	Mechanical Maintenance (Bearing and Alignment)	1.00	0.00
276	Trickling Filters/Solids Contact	1.00	0.50
277	OSHA Process Safety Management	1.00	0.50
278	Industrial Hydraulic Technology (Topics 1 - 7)	1.00	0.00
278A	Industrial Hydraulic Technology (Topics 8 - 16)	1.00	0.00
Advanced Courses			
301	Activated Sludge Skills Training Course	2.00	1.00
302	Anaerobic Digestion Skills Training Course	1.00	0.50
303	Chlorination Skills Training Course	1.00	0.00
304	Low and Medium Voltage Motor, Controls and Starters (Special Course)	1.00	0.00
306	Process Control Laboratory Course	2.00	1.00
307	Sludge Conditioning, Thickening, and Dewatering Skill Training Course	3.00	1.50
308	Wastewater Stabilization Ponds	1.00	0.00
310	Activated Sludge Microbiology Workshop	0.50	0.25
312	Advanced Laboratory Course	2.00	1.00
314	Laboratory for Manager and Supervisors	1.00	0.50
315	Biological Nutrient Removal	1.00	0.50
316	Clarifier Optimization	1.00	0.50
317	Fundamentals of Biology and Chemistry	1.00	0.50